Paulo J G Coutinho

List of Publications by Year
in descending order

87	1,650	304743	377865
papers	citations	22 h-index	34 g-index

91	91	91	1986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuning the drug multimodal release through a co-assembly strategy based on magnetic gels. Nanoscale, 2022, 14, 5488-5500.	5.6	9
2	Chitosan Nano/Microformulations for Antimicrobial Protection of Leather with a Potential Impact in Tanning Industry. Materials, 2022, 15, 1750.	2.9	5
3	Development of Thermo- and pH-Sensitive Liposomal Magnetic Carriers for New Potential Antitumor Thienopyridine Derivatives. Materials, 2022, 15, 1737.	2.9	8
4	Magnetoliposomes Containing Multicore Nanoparticles and a New Antitumor Thienopyridine Compound with Potential Application in Chemo/Thermotherapy. Biomedicines, 2022, 10, 1547.	3.2	8
5	Supramolecular ultra-short carboxybenzyl-protected dehydropeptide-based hydrogels for drug delivery. Materials Science and Engineering C, 2021, 122, 111869.	7.3	21
6	Photodeposition of Silver on Zinc/Calcium Ferrite Nanoparticles: A Contribution to Efficient Effluent Remediation and Catalyst Reutilization. Nanomaterials, 2021, 11, 831.	4.1	2
7	Magnetoliposomes Based on Shape Anisotropic Calcium/Magnesium Ferrite Nanoparticles as Nanocarriers for Doxorubicin. Pharmaceutics, 2021, 13, 1248.	4.5	14
8	Impact of Citrate and Lipid-Functionalized Magnetic Nanoparticles in Dehydropeptide Supramolecular Magnetogels: Properties, Design and Drug Release. Nanomaterials, 2021, 11, 16.	4.1	18
9	Carbon nanotube-reinforced cell-derived matrix-silk fibroin hierarchical scaffolds for bone tissue engineering applications. Journal of Materials Chemistry B, 2021, 9, 9561-9574.	5.8	13
10	Magnetoliposomes Based on Magnetic/Plasmonic Nanoparticles Loaded with Tricyclic Lactones for Combined Cancer Therapy. Pharmaceutics, 2021, 13, 1905.	4.5	7
11	New NIR dyes based on quinolizino[1,9-hi]phenoxazin-6-iminium chlorides: synthesis, photophysics and antifungal activity. Dyes and Pigments, 2020, 173, 107870.	3.7	3
12	Physicochemical characterisation and release behaviour of curcumin-loaded lactoferrin nanohydrogels into food simulants. Food and Function, 2020, 11, 305-317.	4.6	19
13	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. Journal of Materials Chemistry B, 2020, 8, 45-64.	5.8	27
14	Magnetoliposomes Incorporated in Peptide-Based Hydrogels: Towards Development of Magnetolipogels. Nanomaterials, 2020, 10, 1702.	4.1	10
15	Stealth Magnetoliposomes Based on Calcium-Substituted Magnesium Ferrite Nanoparticles for Curcumin Transport and Release. International Journal of Molecular Sciences, 2020, 21, 3641.	4.1	29
16	Development of Novel Magnetoliposomes Containing Nickel Ferrite Nanoparticles Covered with Gold for Applications in Thermotherapy. Materials, 2020, 13, 815.	2.9	12
17	Magnetic Nanoparticles of Zinc/Calcium Ferrite Decorated with Silver for Photodegradation of Dyes. Materials, 2019, 12, 3582.	2.9	14
18	Magnetoliposomes Containing Calcium Ferrite Nanoparticles for Applications in Breast Cancer Therapy. Pharmaceutics, 2019, 11, 477.	4.5	27

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19	Novel dehydropeptide-based magnetogels containing manganese ferrite nanoparticles as antitumor drug nanocarriers. Physical Chemistry Chemical Physics, 2019, 21, 10377-10390.	2.8	17
20	Development of Multifunctional Liposomes Containing Magnetic/Plasmonic MnFe2O4/Au Core/Shell Nanoparticles. Pharmaceutics, 2019, 11, 10.	4.5	29
21	Magnetoliposomes containing magnesium ferrite nanoparticles as nanocarriers for the model drug curcumin. Royal Society Open Science, 2018, 5, 181017.	2.4	31
22	Magnetogels: Prospects and Main Challenges in Biomedical Applications. Pharmaceutics, 2018, 10, 145.	4.5	28
23	Magnetoliposomes for dual cancer therapy. , 2018, , 489-527.		1
24	Magnetoliposomes as carriers for promising antitumor thieno[3,2-b]pyridin-7-arylamines: photophysical and biological studies. RSC Advances, 2017, 7, 15352-15361.	3.6	27
25	Solid and aqueous magnetoliposomes as nanocarriers for a new potential drug active against breast cancer. Colloids and Surfaces B: Biointerfaces, 2017, 158, 460-468.	5.0	20
26	Fluorescent probes based on side-chain chlorinated benzo[a]phenoxazinium chlorides: Studies of interaction with DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 171, 1-9.	3.9	10
27	Synthesis, photophysical characterisation and photostability studies of NIR probes with aliphatic, aromatic and chlorinated terminals in 5- and 9-amino positions of benzo[a]phenoxazines. Dyes and Pigments, 2016, 132, 204-212.	3.7	10
28	Synthesis and photophysical studies of new benzo[a]phenoxazinium chlorides as potential antifungal agents. Tetrahedron Letters, 2016, 57, 3936-3941.	1.4	12
29	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. RSC Advances, 2016, 6, 17302-17313.	3.6	44
30	Magnetic liposomes based on nickel ferrite nanoparticles for biomedical applications. Physical Chemistry Chemical Physics, 2015, 17, 18011-18021.	2.8	54
31	Benzothienoquinolines: New one-pot synthesis and fluorescence studies of their interaction with DNA and polynucleotides. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 294, 20-30.	3.9	16
32	Ultrasound promoted synthesis of Nile Blue derivatives. Ultrasonics Sonochemistry, 2014, 21, 360-366.	8.2	16
33	A new antitumoral Heteroarylaminothieno[3,2-b]pyridine derivative: its incorporation into liposomes and interaction with proteins monitored by fluorescence. Photochemical and Photobiological Sciences, 2014, 13, 1730-1740.	2.9	11
34	Tunable pDNA/DODAB:MO lipoplexes: The effect of incubation temperature on pDNA/DODAB:MO lipoplexes structure and transfection efficiency. Colloids and Surfaces B: Biointerfaces, 2014, 121, 371-379.	5.0	23
35	Magnetoliposomes based on nickel/silica core/shell nanoparticles: Synthesis and characterization. Materials Chemistry and Physics, 2014, 148, 978-987.	4.0	13
36	Structural dynamics and physicochemical properties of pDNA/DODAB:MO lipoplexes: Effect of pH and anionic lipids in inverted non-lamellar phases versus lamellar phases. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2555-2567.	2.6	22

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37	Application of benzo[a]phenoxazinium chlorides in antimicrobial photodynamic therapy of Candida albicans biofilms. Journal of Photochemistry and Photobiology B: Biology, 2014, 141, 93-99.	3.8	29
38	Synthesis of new benzo[a]phenoxazinium probes possessing carboxylic ester, hydroxyl and amino functional groups: Photophysical studies in dry ethanol and conjugation with CdTe quantum dots. Dyes and Pigments, 2014, 110, 203-213.	3.7	18
39	Energy Transfer via Exciton Transport in Quantum Dot Based Self-Assembled Fractal Structures. Journal of Physical Chemistry C, 2014, 118, 4982-4990.	3.1	15
40	New 1,3-diarylureas linked by CC Suzuki coupling to the methyl 3-aminothieno[3,2-b]pyridine-2-carboxylate moiety: Synthesis and fluorescence studies in solution and in lipid membranes. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 255, 27-35.	3.9	5
41	Synthesis and photophysical properties of side-chain chlorinated benzo[a]phenoxazinium chlorides. Tetrahedron, 2013, 69, 2451-2461.	1.9	18
42	Novel Nile Blue derivatives as fluorescent probes for DNA. Dyes and Pigments, 2013, 99, 220-227.	3.7	24
43	Fluorescence studies on potential antitumor 6-(hetero)arylthieno[3,2-b]pyridine derivatives in solution and in nanoliposomes. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 264, 56-66.	3.9	2
44	Release of Volatile Compounds from Polymeric Microcapsules Mediated by Photocatalytic Nanoparticles. International Journal of Photoenergy, 2013, 2013, 1-9.	2.5	7
45	Photocatalytic thin films coupled with polymeric microcapsules for the controlled-release of volatile agents upon solar activation. Journal of Physics: Conference Series, 2013, 439, 012018.	0.4	2
46	Interaction of antitumoral fluorescent heteroaromatic compounds, a benzothienopyrrole and two thienoindoles, with DNA and lipid membranes. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 240, 14-25.	3.9	5
47	New potential antitumoral di(hetero)arylether derivatives in the thieno[3,2-b]pyridine series: Synthesis and fluorescence studies in solution and in nanoliposomes. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 238, 71-80.	3.9	14
48	DODAB:monoolein-based lipoplexes as non-viral vectors for transfection of mammalian cells. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2440-2449.	2.6	38
49	CdSe/TiO2 core-shell nanoparticles produced in AOT reverse micelles: applications in pollutant photodegradation using visible light. Nanoscale Research Letters, 2011, 6, 426.	5.7	9
50	Fluorescence Studies on New Potential Antitumoral Benzothienopyran-1-ones in Solution and in Liposomes. Journal of Fluorescence, 2011, 21, 911-922.	2.5	4
51	Nâ€(Di)icosylâ€Substituted Benzo[a]phenoxazinium Chlorides: Synthesis and Evaluation as Nearâ€Infrared Membrane Probes. European Journal of Organic Chemistry, 2011, 2011, 2491-2497.	2.4	14
52	Magnetophoresis behaviour at low gradient magnetic field and size control of nickel single core nanobeads. Journal of Magnetism and Magnetic Materials, 2011, 323, 1945-1949.	2.3	17
53	Supramolecular assembled nanogel made of mannan. Journal of Colloid and Interface Science, 2011, 361, 97-108.	9.4	27
54	Novel DNA fluorescence probes based on N-[5-(11-functionalised-undecylamino)-9H-benzo[a]phenoxazin-9-ylidene]propan-1-aminium chlorides: synthesis and photophysical studies. Tetrahedron Letters, 2011, 52, 112-116.	1.4	17

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55	Synthesis and Characterization of Self-Assembled Nanogels Made of Pullulan. Materials, 2011, 4, 601-620.	2.9	20
56	Monoolein as helper lipid for non-viral transfection in mammals. Journal of Controlled Release, 2010, 148, e91-e92.	9.9	2
57	Fluorescence and diffuse reflectance spectroscopy for early cancer detection using a new strategy towards the development of a miniaturized system. , 2010, 2010, 1210-3.		3
58	Self-Assembled Nanogel Made of Mannan: Synthesis and Characterization. Langmuir, 2010, 26, 11413-11420.	3.5	26
59	Synthesis and Photophysical Studies of a Pyrenylindole and a Phenalenoindole Obtained from Dehydroamino Acid Derivatives â€“ Application as Fluorescent Probes for Biological Systems. European Journal of Organic Chemistry, 2009, 2009, 3906-3916.	2.4	11
60	Novel long alkyl side chain benzo[a]phenoxazinium chlorides: synthesis, photophysical behaviour and DNA interaction. Tetrahedron, 2009, 65, 10441-10452.	1.9	28
61	New long alkyl side-chain benzo[a]phenoxazines as micellisation probes. Tetrahedron Letters, 2009, 50, 4470-4474.	1.4	21
62	Characterization of mixed DODAB/monoolein aggregates using Nile Red as a solvatochromic and anisotropy fluorescent probe. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 203, 32-39.	3.9	13
63	Fluorescence properties of a potential antitumoral benzothieno[3,2-b]pyrrole in solution and lipid membranes. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 206, 220-226.	3.9	6
64	Photophysics and Biophysical Applications of Benzo[a]phenoxazine Type Fluorophores. Reviews in Fluorescence, 2009, , 335-362.	0.5	5
65	Characterization of Monoolein-Based Lipoplexes Using Fluorescence Spectroscopy. Journal of Fluorescence, 2008, 18, 555-562.	2.5	18
66	Size Distributions of Cadmium Sulfide Nanoparticles Obtained from Templating Methods. Annals of the New York Academy of Sciences, 2008, 1130, 242-246.	3.8	4
67	Functionalised benzo[a]phenoxazine dyes as long-wavelength fluorescent probes for amino acids. Tetrahedron, 2007, 63, 1654-1663.	1.9	56
68	Synthesis of short and long-wavelength functionalised probes: amino acids' labelling and photophysical studies. Tetrahedron, 2007, 63, 12405-12418.	1.9	28
69	Iron-doped photocatalytic TiO2 sputtered coatings on plastics for self-cleaning applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 138, 144-150.	3.5	102
70	Synthesis and spectral properties of long-wavelength fluorescent dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 185, 220-230.	3.9	38
71	Reactive sputtering deposition of photocatalytic TiO2 thin films on glass substrates. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 138, 139-143.	3.5	73
72	Interaction of DODAB with neutral phospholipids and cholesterol studied using fluorescence anisotropy. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 181, 99-105.	3.9	14

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73	Characterization of TiO2 Nanoparticles in Langmuir-Blodgett Films. Journal of Fluorescence, 2006, 16, 387-392.	2.5	14
74	Study of the deposition parameters and Fe-dopant effect in the photocatalytic activity of TiO2 films prepared by dc reactive magnetron sputtering. Vacuum, 2005, 78, 37-46.	3.5	64
75	Domain Formation in DODABâ€“Cholesterol Mixed Systems Monitored via Nile Red Anisotropy. Journal of Fluorescence, 2005, 15, 835-840.	2.5	21
76	Fluorescence studies of the interaction of pyrenylmethyl tributylphosphonium bromide with double-strand polynucleotides. Photochemical and Photobiological Sciences, 2004, 3, 217.	2.9	8
77	Effect of pH on the Control Release of Microencapsulated Dye in Lecithin Liposomes. II. Journal of Liposome Research, 2003, 13, 123-130.	3.3	13
78	Effect of Temperature and Surfactant on the Control Release of Microencapsulated Dye in Lecithin Liposomes. I. Journal of Liposome Research, 2003, 13, 111-121.	3.3	14
79	Nile Red and DCM Fluorescence Anisotropy Studies in C12E7/DPPC Mixed Systems. Journal of Physical Chemistry B, 2002, 106, 12841-12846.	2.6	76
80	Transient photokinetics of Rhodamine 3B+ClO4â˜’ in water:toluene mixtures. Chemical Physics, 2000, 262, 453-465.	1.9	10
81	Effect of Surfactants in Soybean Lecithin Liposomes Studied by Energy Transfer Between NBD-PE and N-Rh-PE. Journal of Liposome Research, 2000, 10, 419-429.	3.3	9
82	The formation of radical ions of ZnTPP in lecithin vesicles evaluated by a global kinetic treatment. Chemical Physics, 1994, 182, 399-408.	1.9	10
83	Kinetics of the electron transfer reaction between 3ZnTPP* and methyl viologen in lecithin vesicles studied by global analysis. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 82, 149-160.	3.9	14
84	Rapid pK measurements for multibasic weak acids by gradient flow injection titration. Analytica Chimica Acta, 1992, 258, 259-267.	5.4	20
85	C12E7-DPPC mixed systems studied by pyrene fluorescence emission. , 0, , 83-87.		1
86	Platinum Nanoparticles as pH Sensor for Intelligent Packaging. Journal of Nano Research, 0, 18-19, 97-104.	0.8	9
87	Lipid interaction with textile fibres in dyeing conditions. , 0, , 88-93.		0